

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  
(REV 10-2003)

ATTORNEY'S DOCKET NO.

970054.478USPC

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/516761

INTERNATIONAL APPLICATION NO.

PCT/EP03/05672

INTERNATIONAL FILING DATE

May 30, 2003

PRIORITY DATE CLAIMED

June 5, 2002

TITLE OF INVENTION

SYSTEM AND METHOD FOR SUPPLEMENTING AND CALCULATING ENERGY CONSUMED BY A VEHICLE

APPLICANT(S) FOR DO/EO/US

Aloys Wobben

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76
15. ☒ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: **Redlined Substitute Specification**

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10/516761		PCT/EP03/05672		970054.478USPC																																																		
<div>21. <input checked="" type="checkbox"/> The following fees are submitted:</div> <div>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</div> <div>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1110.00</div> <div>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$950.00</div> <div>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$790.00</div> <div>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$750.00</div> <div>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00</div> <div>ENTER APPROPRIATE BASIC FEE AMOUNT = \$950.00</div> <div>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$130.00</div> <table><tr><td>Claims</td><td>Number Filed</td><td>Number Extra</td><td>Rate</td></tr><tr><td>Total Claims</td><td>21 - 20 =</td><td>1</td><td>x \$ 18.00</td></tr><tr><td>Independent Claims</td><td>5 - 3 =</td><td>2</td><td>x \$ 88.00</td></tr><tr><td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td><td>+ \$300.00</td></tr><tr><td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td><td>\$1274.00</td></tr><tr><td colspan="3"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td><td>\$ .00</td></tr><tr><td colspan="3">SUBTOTAL =</td><td>\$1274.00</td></tr><tr><td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td><td>\$ .00</td></tr><tr><td colspan="3">TOTAL NATIONAL FEE =</td><td>\$1274.00</td></tr><tr><td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td><td>+</td></tr><tr><td colspan="3">TOTAL FEES ENCLOSED =</td><td>\$1274.00</td></tr><tr><td colspan="3" rowspan="2"></td><td>Amount to be refunded:</td></tr><tr><td>Charged:</td></tr></table>				Claims	Number Filed	Number Extra	Rate	Total Claims	21 - 20 =	1	x \$ 18.00	Independent Claims	5 - 3 =	2	x \$ 88.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00	TOTAL OF ABOVE CALCULATIONS =			\$1274.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			\$ .00	SUBTOTAL =			\$1274.00	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$ .00	TOTAL NATIONAL FEE =			\$1274.00	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+	TOTAL FEES ENCLOSED =			\$1274.00				Amount to be refunded:	Charged:	CALCULATIONS PTO USE ONLY	
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a. ☒ A check in the amount of \$1,274.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 19-1090 in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

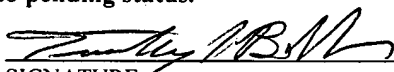
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1090. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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SIGNATURE

Timothy L Boller

NAME

47,435

REGISTRATION NUMBER